

AMENDMENTS TO THE SPECIFICATION

Please amend Table 13 appearing on page 42 as follows:

Table 13

Carboxy component	Amine component	Produced peptide	(mM)
L-Ala-OMe	L-Ala	L-Ala-L-Ala	28.7
	L-Ala-L-Ala	L-Ala-L-Ala-L-Ala	57.5
	L-Ala-L-Ala-L-Ala	L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 1)	44.5
	L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 1)	L-Ala-L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 2)	34.8
	L-Ala-L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 2)	L-Ala-L-Ala-L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 3)	1.4*
	L-Ala-L-Gln	L-Ala-L-Ala-L-Gln	15.2
	Gly-L-Ala	L-Ala-Gly-L-Ala	25.9
	Gly-Gly	L-Ala-Gly-Gly	41.7
	L-His-L-Ala	L-Ala-L-His-L-Ala	55.9
	L-Leu-L-Ala	L-Ala-L-Leu-L-Ala	48.3
	L-Phe-L-Ala	L-Ala-L-Phe-L-Ala	49.7
	L-Phe-Gly	L-Ala-L-Phe-Gly	43.7
Gly-OMe	L-Ala-L-Tyr	Gly-L-Ala-L-Tyr	1.7
	Gly-L-Gln	Gly-Gly-L-Gln	7.2
	Gly-L-Tyr-L-Ala	Gly-Gly-L-Tyr-L-Ala (SEQ ID NO: 4)	44.2
L-Thr-OMe	Gly-Gly	L-Thr-Gly-Gly	83.0

Please amend the paragraph beginning on page 42, line 2 as follows:

*: Since the solubility of L-Ala-L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 2) was low, the carboxy component was used at a concentration of 10 mM and the amine component at 15 mM in this reaction system. The other conditions were the same as explained in the example. Hydrochloride salts were used for all the carboxy components.

Please amend Table 16 appearing on page 53 as follows:

Table 16

Carboxy component	Amine component	Produced peptide	(mM)
L-Ala-OMe	L-Ala	L-Ala-L-Ala	25.6
	L-Ala-L-Ala	L-Ala-L-Ala-L-Ala	41.1
	L-Ala-L-Ala-L-Ala	L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 1)	30.1
	L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 1)	L-Ala-L-Ala-L-Ala-L-Ala-L-Ala (SEQ ID NO: 2)	22.8
	Gly-Gly	L-Ala-Gly-Gly	33.7
	Gly-Ala	L-Ala-Gly-L-Ala	35.1
	L-His-L-Ala	L-Ala-L-His-L-Ala	58.0
	L-Phe-Gly	L-Ala-L-Phe-Gly	34.0
	L-Leu-L-Ala	L-Ala-L-Leu-L-Ala	40.7
	L-Phe-L-Ala	L-Ala-L-Phe-L-Ala	24.8
L-Thr-OMe	Gly-Gly	L-Thr-Gly-Gly	8.4
Gly-OMe	L-Ala-L-Tyr	Gly-L-Ala-L-Tyr	0.6

Please amend Table 18 appearing on page 57 as follows:

Table 18

Carboxy component	Amine component	Amount of enzyme (units)	Produced peptide (mM)	
Gly-OMe	L-Phe-L-Met	1.0	Gly-Phe-Met	13.3
L-Ala-OMe	L-Phe-L-Met	0.2	L-Ala-L-Phe-L-Met	+
L-Tyr-OMe	Gly-Gly-L-Phe-L-Met (SEQ ID NO: 5)	1.0	L-Tyr-Gly-Gly-L-Phe-L-Met (SEQ ID NO: 6)	2.7
L-Ala-OMe	Gly-Gly-L-Phe-L-Met (SEQ ID NO: 5)	0.2	L-Ala-Gly-Gly-L-Phe-L-Met (SEQ ID NO: 7)	+
Gly-OMe	Gly-L-Phe	0.1	Gly-L-Phe	17.3
L-Ala-OMe	Gly-L-Phe	0.1	L-Ala-Gly-L-Phe	+
D-Ala-OMe	Gly-L-Phe	0.1	D-Ala-Gly-L-Phe	Tr

Page 62 (Abstract), after the last line, beginning on a new page, please insert the attached Sequence Listing.